

1. A user interface for defining a web services interface for an MFS-based IMS application, comprising:
 - a first selection module configured to prompt a user to select a source file defining the Message Input Descriptions (MIDs) and Message Output Descriptions (MODs) for an MFS-based IMS application;
 - a second selection module configured to prompt a user to select a device type and associated device feature supported by the MFS-based IMS application; and
 - a designation module configured to prompt a user to designate a MID and one or more associated MODs for a web services interface for the MFS-based IMS application.
2. The user interface of claim 1, wherein the designation module automatically selects one or more associated MODs in response to user designation of a MID.
3. The user interface of claim 1, wherein designation module automatically selects one or more MODs for reporting error conditions.
4. The user interface of claim 1, wherein the designation module filters a MID list and a MOD list in response to user-defined criteria.

5. The user interface of claim 1, further comprising a generator configured to generate eXtended Markup Language Metadata Interchange (XMI) files representative of the designated MID and one of more associated MODs.

6. The user interface of claim 1, wherein the user interface comprises a Graphical User Interface (GUI).

7. The user interface of claim 1, wherein designation module orders the MID list and MOD list.

8. The user interface of claim 1, wherein the web services interface comprises one or more Web Services Description Language (WSDL) files.

9. The user interface of claim 1, further comprising an format module configured to format the source file in response to a user-defined encoding format.

10. The user interface of claim 1, wherein the source file comprises one or more eXtended Markup Language Metadata Interchange (XMI) files.

11. An apparatus for defining a web services interface for an MFS-based IMS application, comprising:

a parser configured to parse a source file into one or more Message Input

Descriptions (MIDs) and one or more Message Output

Descriptions (MODs);

a prompt module configured to prompt a user for a device type and device

feature combination supported by the MIDs and MODs;

a display module configured to display a MID list and a MOD list and

automatically select one or more MODs associated with a user-

selected MID; and

an assembly module configured to assemble the user-selected MID, the

associated MODs, and the user-selected device type and device

feature combination into a web services interface.

12. The apparatus of claim 11, wherein the display module automatically selects one or more MODs for reporting error conditions.

13. The apparatus of claim 12, further comprising a filter module configured to filter the MID list and the MOD list in response to user-defined criteria.

14. The apparatus of claim 13, further comprising a generator configured to generate eXtended Markup Language Metadata Interchange (XMI) files representative of the MIDs and MODs.

15. The apparatus of claim 14, wherein the display module automatically selects the first logical page of the user-selected MID.
16. The apparatus of claim 15, wherein the display module orders the MID list and MOD list.
17. The apparatus of claim 16, wherein the web services interface comprises one or more Web Services Description Language (WSDL) files.
18. The apparatus of claim 17, further comprising a format module configured to format the source file in response to a user-defined encoding format.
19. The apparatus of claim 18, wherein the source file comprises one or more XMI files.
20. The apparatus of claim 19, wherein the parser is configured to import the source file.

21. An article of manufacture comprising a program storage medium readable by a processor and embodying one or more instructions executable by a processor to perform a method for defining a web services interface for an MFS-based IMS application, the method comprising:

parsing an MFS-based IMS application source file into one or more

Message Input Descriptions (MIDs) and one or more Message
Output Descriptions (MODs);

prompting a user for a device type and device feature combination

supported by the MIDs and MODs;

displaying a MID list and a MOD list and automatically selecting one or
more MODs associated with a user-selected MID; and

assembling the user-selected MID, the associated MODs, and the user-
selected device type and device feature combination into a web
services interface.

22. The article of manufacture of claim 21, further comprising automatically selecting one or more MODs for reporting error conditions.

23. The article of manufacture of claim 21, further comprising filtering the MID list and MOD list in response to user-defined criteria.

24. The article of manufacture of claim 21, further comprising generating eXtended Markup Language Metadata Interchange (XMI) files representative of the MIDs and MODs.

25. The article of manufacture of claim 21, further comprising automatically selecting the first logical page of the user-selected MID.

26. The article of manufacture of claim 21, further comprising ordering the MID list and MOD list.

27. The article of manufacture of claim 21, wherein the web services interface comprises one or more Web Services Description Language (WSDL) files.

28. The article of manufacture of claim 21, further comprising formatting the source file in response to a user-defined encoding format.

29. The article of manufacture of claim 21, wherein the source file comprises one or more eXtended Markup Language Metadata Interchange (XMI) files.

30. The article of manufacture of claim 21, further comprising importing the source file.